



JOB OPPORTUNITY BULLETIN

CLASSIFICATION: Senior Mechanical Engineer

TENURE: Permanent

TIME BASE: Full Time

SALARY: \$8,802.00 - \$11,015.00

LOCATION: Efficiency Division, Appliances and Outreach and Education Office

FINAL FILING DATE: Until Filled

DUTIES/RESPONSIBILITIES:

- Plan, organize, and provide high level engineering technical leadership, direction and coordination for mechanical engineering analysis conducted to develop and implement new appliance efficiency standards for mechanical systems such as heating, ventilation, and air-conditioning (HVAC) equipment. Develop design and performance standards for appliance energy and water efficiency. Maintain expert knowledge and participate in related U.S. Department of Energy efficiency standards for commercial and non-commercial appliances. Collaborate with the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE), American National Standards Institute (ANSI), IEEE, Canadian Standards Association (CSA), and other standards associations for appliances to implement energy saving strategies for California. Maintain expert knowledge and leadership for appliance rulemakings to maintain and create state efficiency standards. Maintain expert and ongoing knowledge in all aspects of appliances science related to energy and water efficiency research and development, emerging technologies, test procedures, modeling, standards development, and market transformation programs.
- Plan, organize, and provide high level engineering technical leadership, direction, and coordination for mechanical engineering analysis conducted to implement and develop federal efficiency standards, contracts, program milestones, and project schedules. Organize and identify necessary engineering work for the program, including changes to the appliance standards, technical support for federal standards or state contracts, and participation in federal rulemakings. Coordinate with the Building Standards Office on mechanical system improvements in new construction.
- Serve as the State's lead engineering representative performing the most difficult and complex work related to mechanical engineering analysis to advance the Commission's' appliances program. Prepare technical responses for issues related to appliance standards. Lead engineering staff in analyzing and solving complex and difficult engineering problems. Provide quality review of the engineering work of staff and the review of the engineering analyses submitted by parties to rulemaking activities regarding the Appliance Efficiency Standards.
- Prepare and present engineering recommendations to management, commissioners, and the public related to appliance efficiency to aid policy decisions.
- Prepare and testify on request at Commission workshops or hearings or on behalf of the Commission before legislative bodies, governmental entities, and agencies on engineering findings related to energy efficiency measures, costs and benefits.
- Perform other duties as required consistent with the specifications of this classification.



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DESIRABLE EXPERIENCE/QUALIFICATIONS: The successful applicant should have:

- Ability to communicate effectively and be able to relay complicated information in a simple, consumer-friendly manner
- Excellent interpersonal and team leadership skills
- Ability to work with other offices within the Division and other Divisions within the Commission on interdisciplinary projects
- Ability to effectively write and edit technical program information

PLEASE NOTE: Possession of minimum qualifications will be verified prior to interview and/or appointment. If it is determined an applicant does not meet the minimum qualifications, the application may be forwarded to the State Personnel Board for review and the applicant's name may be removed from the eligibility list.

WHO MAY APPLY: Eligible candidates who are current state employees with status in the above classification or lateral transfers from an equivalent class, former state employees who can reinstate in this classification or persons who are reachable on a current employment list for this classification. Appointment is subject to the provisions of the SROA process: SROA / SURPLUS / REEMPLOYMENT candidates are encouraged to apply and must attach a copy of their status letter.

Interested applicants must submit a completed Standard State Application (Form STD. 678) with an original signature to the address listed below. Electronic applications will not be accepted. **You must clearly indicate the basis of your eligibility (i.e., list, transfer, SROA/Surplus, reemployment, reinstatement, etc.), RPA #410-131 and position number 410-3579-002 in the "Explanation Section" of the STD. 678.** Will consider a Training and Development (T&D) Assignment. Applications will be screened for experience and only the most qualified will be contacted for an interview.

INTERESTED APPLICANTS SHOULD SUBMIT A COMPLETED STANDARD STATE APPLICATION (FORM STD. 678) TO:

SUBMIT APPLICATIONS TO:

Personnel Services Office
Attn: RPA #410-131
1516 9th Street, MS-3
Sacramento, CA 95814
Phone: 916-654-4305

California Relay (Telephone) Service for
the Deaf or Hearing-Impaired
From hTDD Phones: 1-800-735-2929
From Voice Phones: 1-800-735-2922

JOB OPPORTUNITY BULLETIN GUIDELINES

The Job Opportunity Bulletin must be completed in the order of statements. Below is an explanation of each statement and whether or not it is optional or required.

RECRUITMENT IS LIMITED TO EMPLOYEES OF THE CALIFORNIA ENERGY COMMISSION [OPTIONAL]. When the Commission is in a hiring freeze, all JOBs must include this statement. If, during a hiring freeze, the unit wishes external recruitment, approval to do so must be obtained in advance from the Executive Management Team.

CLASSIFICATION [REQUIRED]. Provide the full, civil service title of the position, spelling out the parenthetical if applicable (e.g., Associate Energy Specialist (Forecasting)).

TENURE [REQUIRED]. Provide either: Permanent, Limited-Term (include number of months) or Temporary (include number of months).

TENURE MAY BECOME PERMANENT IF THE CIRCUMSTANCES WHICH NECESSITATED THAT THE POSITION BE FILLED ON A LIMITED-TERM BASIS CHANGE AT A LATER DATE [OPTIONAL]. When circumstances necessitate a limited-term appointment, the originating unit may include this statement. However, please discuss the circumstances with your Personnel Analyst before including it on the J.O.B.

TIME BASE [REQUIRED]. Provide either: Full-time, Part-time (include fraction) or Intermittent (include number of anticipated monthly hours).

Will consider appointments less than full time [OPTIONAL]. If the originating unit will consider appointments to a time base less than the position's time base, this statement should be included on the JOB.

SALARY [REQUIRED]. Provide the salary range. Provide each range if there is more than one.

LOCATION [REQUIRED]. Provide only the office name and/or division name, and Sacramento, California.

FINAL FILING DATE [REQUIRED]. Leave blank. The final filing date will be determined by the Personnel Analyst.

DUTIES/RESPONSIBILITIES [REQUIRED]. Briefly describe the primary duties of the position (from the duty statement).

DESIRABLE EXPERIENCE/QUALIFICATIONS [REQUIRED]. Begin this section of the JOB with "The successful applicant should have," and briefly list the desirable, but not required, qualifications.

WHO MAY APPLY [REQUIRED]. Use the language provided. Also if the position is a Bargaining Unit 2 or Bargaining Unit 9 classification, add "This position is subject to the "Super SROA" provisions of the State Restriction of Appointment (SROA) process."

[For Energy Analyst positions only] Prior to appointment to this classification, applicants will be required to pass an energy-related written technical assessment test] [OPTIONAL]. All Energy Analyst JOBs must include this statement.

Training & Development Assignments may be considered [OPTIONAL]. If the originating unit wishes to consider Training and Development assignments, this statement must be added to the JOB.

Miscellaneous statements here [OPTIONAL]. Statement(s) which are not appropriate to put under the other headings on the JOB may be included here. For example, "A typing test will be given as part of the interview."

INTERESTED APPLICANTS SHOULD SUBMIT A COMPLETED STANDARD STATE APPLICATION (FORM STD. 678) TO [REQUIRED]. Use the language provided. Insert the contact person's name, mailing address, and public and calnet phone numbers.